

## EAST Search History

| Ref # | Hits  | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|---|------------------|---------|------------------|
| S1    | 2     | "20040186967".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/01/03 10:23 |
| S2    | 93    | ("20040186967" "5687368"<br>"5905889" "6233630" "6363410"<br>"6347348" "20040131055"<br>"6212165" "6212165" "4121286"<br>"5675790" "5727178" "6886031"<br>"20020147785" "20060184759"<br>"5987507" "7088713"<br>"20020136211" "20030056073"<br>"20060182112" "5420999"<br>"6021469" "6125439" "5276840"<br>"5315707" "5491808" "5493652"<br>"5765023" "5781799" "5893148"<br>"5978898" "5978893" "6058460"<br>"6167054" "6192028" "6233244"<br>"6253226" "6327606" "6349097"<br>"6532531" "6584518" "6629114"<br>"6976021" "7007071"<br>"20020198886" "20030018689"<br>"20060153185" "20060259572"<br>"5946000" "5638503" ).pn. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/01/03 10:28 |
| S3    | 10892 | 711/1,5,103,115,154,156,170-173,<br>209,220.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/01/03 11:24 |
| S4    | 13    | S2 and S3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/01/03 11:25 |
| S5    | 4     | ANAND-ANUPAM.in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/01/03 11:30 |
| S6    | 4019  | block same segment same (status<br>flag bitmap (bit near5 (available<br>free access\$4)))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/01/03 12:06 |

## EAST Search History

|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| S7  | 2    | S6 and S2  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/03 12:09 |
| S9  | 831  | S6.ab.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/03 11:43 |
| S10 | 4    | S9 and S3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/03 11:45 |
| S11 | 1147 | S6 same address  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/03 11:48 |
| S12 | 98   | S11 and S3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/03 12:00 |
| S13 | 329  | (block near5 (status flag bitmap (bit near5 (available free access\$4 used unused)))) same (segment near5 (status flag bitmap (bit near5 (available free access\$4 used unused))))                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/03 12:09 |
| S14 | 24   | S13 and S3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/03 12:07 |
| S15 | 361  | (block near5 (status flag bitmap ((pointer bit) near5 (available free access\$4 used unused)))) same (segment near5 (status flag bitmap ((bit pointer) near5 (available free access\$4 used unused)))) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/03 14:51 |

## EAST Search History

|     |    |                          |   |    |    |                  |
|-----|----|--------------------------|---|----|----|------------------|
| S16 | 28 | S15 and S3               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/03 12:24 |
| S17 | 80 | S15 and "711"/.ccls.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/03 13:15 |
| S18 | 2  | "5881311".pn.            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/03 13:17 |
| S19 | 1  | S18 and S6               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/03 13:19 |
| S20 | 1  | S18 and S15              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/03 13:21 |
| S21 | 1  | 710/3.ccls. and S15      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/03 13:51 |
| S22 | 52 | S17 not S16              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/03 14:05 |
| S23 | 2  | "6675319".pn. and status | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/03 14:50 |

## EAST Search History

|     |      |   |   |    |    |                  |
|-----|------|---|---|----|----|------------------|
| S24 | 8007 | ((segment block) with (free available) with (status flag bitmap pointer bit))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/03 14:53 |
| S25 | 9280 | ((segment block) same ((free available) near5 (status flag bitmap pointer bit)))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/03 14:52 |
| S26 | 576  | S24 and S3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/03 14:53 |
| S27 | 575  | S25 and S3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/03 14:53 |
| S28 | 182  | ((segment) with (free available) with (status flag bitmap pointer bit)) and ((block) with (free available) with (status flag bitmap pointer bit))               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/03 16:22 |
| S29 | 33   | S28 and S3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/03 15:34 |
| S34 | 281  | ((partition\$3 section) with (free available) with (status flag bitmap pointer bit)) and ((block) with (free available) with (status flag bitmap pointer bit))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/03 16:23 |
| S35 | 175  | ((partition\$3 section) with (free available) with (status flag bitmap pointer bit)) same ((block) with (free available) with (status flag bitmap pointer bit)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/03 16:33 |

## EAST Search History

|     |       |   |  |    |    |                  |
|-----|-------|---|--|----|----|------------------|
| S36 | 18    | S35 and S3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2007/01/03 16:23 |
| S37 | 289   | ((partition\$3 section) with (free available) with (status flag bitmap table pointer map bit)) same ((block) with (free available) with (status flag bitmap pointer bit table map)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2007/01/04 09:34 |
| S38 | 0     | ("2003/0220951").URPN.  | USPAT  | OR | ON | 2007/01/03 17:04 |
| S39 | 3     | ("6732124" "5713002" "6606658").pn.   | USPAT  | OR | ON | 2007/01/03 17:54 |
| S40 | 2     | "20040184454".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/03 17:55 |
| S41 | 10909 | 711/1,5,103,115,154,156,170-173,209,220.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2007/01/04 08:46 |
| S42 | 4022  | block same segment same (status flag bitmap (bit near5 (available free access\$4)))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2007/01/04 08:46 |
| S43 | 186   | S42 and S41   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2007/01/04 08:46 |
| S44 | 182   | ((segment) with (free available) with (status flag bitmap pointer bit)) and ((block) with (free available) with (status flag bitmap pointer bit))                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2007/01/04 08:49 |

## EAST Search History

|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| S45 | 33   | S44 and S41  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/04 08:49 |
| S46 | 149  | S44 not S45  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/04 08:49 |
| S47 | 991  | ((partition\$3 section segment) with (allocat\$3 free available) with (status flag bitmap table pointer map bit)) same ((block) with (free available allocat\$3) with (status flag bitmap pointer bit table map))        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/04 09:55 |
| S48 | 136  | S41 and S47  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/04 09:36 |
| S49 | 116  | S48 not S44  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/04 09:37 |
| S50 | 1357 | ((partition\$3 section segment sector) with (allocat\$3 free available) with (status flag bitmap table pointer map bit)) same ((block) with (free available allocat\$3) with (status flag bitmap pointer bit table map)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/04 10:21 |
| S51 | 432  | S50 same address   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/04 09:57 |
| S52 | 96   | S51 and S41  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/04 09:58 |

## EAST Search History

|     |        |  |   |    |    |                  |
|-----|--------|--|---|----|----|------------------|
| S53 | 86     | S52 not S44  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/04 10:08 |
| S54 | 2541   | (free available allocat\$4) adj pool   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/04 10:10 |
| S55 | 16     | S50 and S54  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/04 10:09 |
| S56 | 259604 | (partition\$3 section segment sector) with block   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/04 10:20 |
| S57 | 1327   | S56 and S50  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/04 10:20 |
| S58 | 626    | ((partition\$3 section segment sector) with (free available) with (status flag bitmap table pointer map bit)) same ((block) with (free available) with (status flag bitmap pointer bit table map)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/04 10:23 |
| S59 | 129    | S58 same allocat\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/04 10:22 |
| S60 | 131    | S58 same (allocat\$3 deallocat\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/04 10:23 |

## EAST Search History

|     |     |  |   |    |    |                  |
|-----|-----|--|---|----|----|------------------|
| S61 | 42  | S60 and S41  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/04 10:22 |
| S62 | 29  | S61 not S44  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/04 10:22 |
| S63 | 864 | ((partition\$3 section segment sector) with (free available) with (status flag bitmap table pointer map bit)) and ((block) with (free available) with (status flag bitmap pointer bit table map))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/04 10:24 |
| S64 | 146 | ((((partition\$3 section segment sector) with (free available) with (status flag bitmap table pointer map bit)) same (allocat\$3 deallocat\$3)) and (((block) with (free available) with (status flag bitmap pointer bit table map)) same (allocat\$3 deallocat\$3)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/04 11:06 |
| S65 | 44  | S64 and S41  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/04 10:24 |
| S66 | 29  | S65 not S44  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/04 10:26 |
| S67 | 117 | S64 not S44  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/04 10:25 |
| S68 | 443 | (partition\$3 section segment sector) same (allocat\$3 deallocat\$3) same (block) same ((free available) with (status flag bitmap pointer bit table map))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/04 11:21 |



## EAST Search History

|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S69 | 85  | S68 and S41   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/04 11:10 |
| S70 | 43  | S69 not (S66 S44)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/04 11:10 |
| S71 | 112 | (partition\$3 section segment sector)<br>same (allocat\$3 deallocat\$3) same<br>(block) same (bitmap bit-map) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/05 10:55 |
| S72 | 31  | S71 and S41   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/04 11:53 |
| S73 | 81  | S71 not S72   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/04 12:20 |
| S74 | 13  | S73 and (flash (erasable near<br>memory) eeprom)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/04 12:29 |
| S75 | 6   | S73 same (full fill\$3 empty)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/04 12:29 |
| S76 | 42  | (page) same (allocat\$3 deallocat\$3)<br>same (block) same (bitmap<br>bit-map)                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/05 11:25 |

## EAST Search History

|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| S77 | 60    | (page) same (available free) same<br>(block) same (bitmap bit-map) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/05 11:27 |
| S78 | 10909 | 711/1,5,103,115,154,156,170-173,<br>209,220.ccls.                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/05 11:26 |
| S79 | 5     | S77 and S78  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/05 11:26 |
| S80 | 1     | "6874062".pn. and address\$3                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/05 12:43 |
| S81 | 2     | "6658437".pn. and (address pointer)                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/05 14:17 |
| S82 | 1     | "20030220951".pn. and (pointer<br>address)                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/05 14:31 |
| S83 | 2     | "20040186967".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/05 14:31 |
| S84 | 1     | S83 and (generat\$3 near5 address)                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/05 14:34 |

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|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| S85 | 2    | S83 and ( address)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/05 14:35 |
| S86 | 2    | S83 and (generat\$3 address)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/05 14:50 |
| S87 | 814  | 711/220.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/05 14:51 |
| S88 | 8327 | (address pointer) same (segment<br>sector page section partition) same<br>(valid free invalid allocat\$3<br>unallocat\$3 deallocat\$3) same<br>(block group) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/05 15:22 |
| S89 | 47   | S87 and S88  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/05 14:57 |
| S90 | 250  | (address pointer) same (segment<br>sector page section partition) same<br>(metadata ) same (block group)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/05 15:23 |
| S91 | 1    | S90 and S87  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/05 15:23 |
| S92 | 1449 | (address pointer) same (segment<br>block sector page section partition)<br>same (metadata )  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/05 15:27 |

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|          |       |   |   |    |    |                  |
|----------|-------|---|---|----|----|------------------|
| S93      | 2     | S92 and S87   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/05 15:23 |
| S94      | 55904 | (address pointer) same (segment<br>block sector page section partition)<br>same (metadata valid free invalid<br>allocat\$3 unallocat\$3 deallocat\$3<br>flag meta-data) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/05 15:29 |
| S95      | 255   | S94 and S87   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/05 15:28 |
| S96      | 19025 | S94 same (embed\$4 creat\$3<br>insert\$3 generat\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/05 15:30 |
| S97      | 112   | S96 and S87   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/05 15:29 |
| S98      | 19383 | (address pointer) with (segment<br>block sector page section partition)<br>with (metadata valid free invalid<br>allocat\$3 unallocat\$3 deallocat\$3<br>flag meta-data) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/05 15:30 |
| S99      | 5437  | S98 same (embed\$4 creat\$3<br>insert\$3 generat\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/05 15:30 |
| S10<br>0 | 40    | S99 and S87   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/05 18:12 |

## EAST Search History

|          |       |   |   |    |    |                  |
|----------|-------|---|---|----|----|------------------|
| S10<br>1 | 6590  | broadcom.as.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/05 18:12 |
| S10<br>2 | 19383 | (address pointer) with (segment<br>block sector page section partition)<br>with (metadata valid free invalid<br>allocat\$3 unallocat\$3 deallocat\$3<br>flag meta-data) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/05 18:12 |
| S10<br>3 | 5437  | S102 same (embed\$4 creat\$3<br>insert\$3 generat\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/05 18:12 |
| S10<br>4 | 17    | S101 and S103   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/05 18:14 |
| S10<br>5 | 67    | S101 and S102   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/05 18:13 |
| S10<br>6 | 50    | S105 not S104   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/05 19:27 |
| S10<br>7 | 2     | "6658437".pn. and bitmap  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/05 19:27 |
| S10<br>8 | 1     | "6874062".pn. and (updat\$3 mark\$3<br>modif\$7)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/05 20:38 |

## EAST Search History

|          |       |  |   |    |    |                  |
|----------|-------|--|---|----|----|------------------|
| S10<br>9 | 19478 | (address pointer) with (((most least) near3 significant) most-significant least-significant)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/06 13:08 |
| S11<br>1 | 3505  | S109 and "711"/.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/06 13:06 |
| S11<br>2 | 212   | S109 and "711"/220.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/06 13:06 |
| S11<br>3 | 9091  | S109 same (segment block sector page section partition subdivi\$4 divi\$4 portion)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/06 13:08 |
| S11<br>4 | 131   | S113 and 711/220.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/06 13:08 |
| S11<br>5 | 5261  | (address pointer) with (((most least) near3 significant) most-significant least-significant) with (segment block sector page section partition subdivi\$4 divi\$4 portion)         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/06 14:03 |
| S11<br>6 | 101   | S115 and 711/220.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/06 13:10 |
| S11<br>7 | 6021  | (address pointer) with (((most least) near3 significant) most-significant least-significant MSB LSB) with (segment block sector page section partition subdivi\$4 divi\$4 portion) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/06 14:04 |

## EAST Search History

|          |      |                           |   |    |    |                  |
|----------|------|---------------------------|---|----|----|------------------|
| S11<br>8 | 1584 | S117 and "711"/.ccls.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/06 14:04 |
| S11<br>9 | 107  | S117 and "711"/220.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/06 14:04 |
| S12<br>0 | 9    | S119 and interleav\$3     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/06 14:08 |
| S12<br>1 | 98   | S119 not S120             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/06 14:08 |
| S12<br>2 | 1    | "6874062".pn. and address | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/06 15:15 |
| S12<br>3 | 2    | "6658437".pn. and address | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/06 16:21 |